

EAST SEARCH

7/19/2006

L#	Hits	Search String	Databases
S1	42773	computer aided design or CAD	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S2	106	S1 and ((multiple or plurality) near2 designers)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S3	347	S1 and ((design or development) near2 team)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S4	205	S1 and (design near2 intent\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S5	29	S1 and (((first or one) near2 designer) with ((second or another or other) near2 designer\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S6	626	S2 or S3 or S4 or S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S7	221	S6 and (design near2 model)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S8	41	S6 and ((design near2 model) with (object or version))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S9	109	S6 and (designer with change\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S10	297	S6 and (design with (feature\$1 or parameter\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S11	4	S6 and (behavioral with parameter\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S12	0	S6 and ("functional model representation")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S14	1	S6 and (body near2 partitions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S15	1	S6 and (contributing near2 volume\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S16	48	S6 and (digital near2 model)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S17	162	S6 and (model with database)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S18	117	S6 and (design near2 features\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S19	5	S6 and ((identify or identification) with (design near2 feature\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S20	153	S6 and (feature\$1 with (location or time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S21	117	S6 and (feature\$1 with (association\$1 or associat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S22	8	S6 and (destination with (client\$1 or device\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S23	130	S6 and (network with server\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S24	11	S6 and (communicat\$3 with asynchronous\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S25	448	S7 or S10 or S17 or S20 or S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S26	297	S8 or S9 or S11 or S13 or S14 or S15 or S16 or S18 or S19 or S21 or S22 or S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S27	278	S25 and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S28	297	S26 or S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S13	14	S6 and ("functional model")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S30	0	S29 and (S25 or S26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S29	14	5,815,154.pn. or "5,995,097".pn. or "6,219,055".pn. or "6,628,279".pn. or "6,360,357".pn. or "6,	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S31	44801	computer aided design or CAD	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S32	112	S31 and ((multiple or plurality) near2 designers)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S33	369	S31 and ((design or development) near2 team)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S34	34	S31 and (((first or one) near2 designer) with ((second or another or other) near2 designer\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S35	235	S31 and ((collaborative or collaboration) with design)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S36	638	S32 or S33 or S34 or S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S37	35	S36 and (design near2 intent\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S38	208	S36 and (design with feature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S39	84	S36 and (parameter with feature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S40	187	S36 and (parameter\$3 with design)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S41	114	S36 and ((compare\$4 or analyze\$3 or analysis) with parameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S42	178	S37 or S39 or S41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S43	272	S38 or S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S44	138	S42 and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S45	178	S42 or S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

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Results of search set S28

Document	Kind	Codes	Title	Issue Date	Current OR	Abstract
US 20060004619	A1		Collaboration session recording model	20060105	705/8	
US 20050235246	A1		Use of models in integrated circuit fabrication	20051020	716/21	
US 20050209831	A1		Graphical object generation and regeneration	20050922	703/1	
US 20050209722	A1		System and method for automating architecture changes to system-level design	20050922	700/105	
US 20050204283	A1		System, method and article of manufacture for alerting a manager of a critical outstanding task	20050915	715/530	
US 20050196964	A1		Dummy fill for integrated circuits	20050908	438/692	
US 20050177531	A1		Method, tool and system for increasing the efficiency of a design process	20050811	706/45	
US 20050132306	A1		Characterization and reduction of variation for integrated circuits	20050616	716/1	
US 20050131924	A1		System and method for multi-dimensional organization, management, and manipulation of data	20050616	707/100	
US 20050119774	A1		Alternate ply representation for composite design and manufacturing	20050602	700/98	
US 20050076316	A1		Design-manufacturing interface via a unified model	20050407	716/4	
US 20050055181	A1		System, method, and storage medium for determining a packaging design for a container	20050310	703/1	
US 20050051809	A1		Dummy fill for integrated circuits	20050310	257/232	
US 20050050509	A1		Method, system and program product providing a configuration specification language that supp	20050303	716/18	
US 20050044514	A1		Method and platform for integrated physical verifications and manufacturing enhancements	20050224	716/5	
US 20050038821	A1		Method and system for capturing, managing and disseminating manufacturing knowledge	20050217	707/104.1	
US 20050037522	A1		Dummy fill for integrated circuits	20050217	438/8	
US 20050004774	A1		Methods and systems for inspection of wafers and reticles using designer intent data	20050106	702/108	
US 20040243481	A1		System and method for rapidly customizing design, manufacture and/or selection of biomedical c	20041202	705/26	
US 20040221250	A1		PHYSICAL DESIGN CHARACTERIZATION SYSTEM	20041104	716/4	
US 20040204957	A1		Method and apparatus for evolutionary design	20041014	705/1	
US 20040194046	A1		Trace based method for design navigation	20040930	716/11	
US 20040186738	A1		Method and apparatus for an idea adoption marketplace	20040923	705/1	
US 20040177002	A1		Customer-based product design module	20040909	705/14	
US 20040158965	A1		Method and apparatus for assembling exterior automotive vehicle body components onto an auto	20040819	29/407.1	
US 20040153824	A1		System and method for creating and updating a three-dimensional model and creating a related i	20040805	714/38	
US 20040143808	A1		Method of resolving mismatched parameters in computer-aided integrated circuit design	20040722	716/11	

US 20040143807 A1	Method of resolving mismatched graphical symbols in computer-aided integrated circuit design	20040722 716/11
US 20040143799 A1	Method of resolving missing graphical symbols in computer-aided integrated circuit design	20040722 716/3
US 20040128648 A1	Face correlation between computer aided design models	20040701 717/105
US 20040113945 A1	Graphical user interface and method for interfacing with a configuration system for highly config	20040617 715/765
US 20040107125 A1	Business alliance identification in a web architecture	20040603 705/7
US 20040098292 A1	System and method for enabling supplier manufacturing integration	20040520 705/8
US 20040093397 A1	Isolated working chamber associated with a secure inter-company collaboration environment	20040513 709/219
US 20040084867 A1	Individualization of therapy with anticoagulants	20040506 280/163
US 20040068342 A1	Method of designing and manufacturing rubber process tooling using an interface to a CAD/CAE	20040408 700/182
US 20040064351 A1	Increased visibility during order management in a network-based supply chain environment	20040401 705/7
US 20040015793 A1	Methodology for the optimization of testing and diagnosis of analog and mixed signal ICs and em	20040122 716/4
US 20040015367 A1	Business asset management system using virtual areas	20040122 705/1
US 20040006566 A1	System and method for augmenting knowledge commerce	20040108 707/100
US 20030229875 A1	Use of models in integrated circuit fabrication	20031211 716/10
US 20030229479 A1	Dummy fill for integrated circuits	20031211 703/14
US 20030228714 A1	Dummy fill for integrated circuits	20031211 438/8
US 20030226757 A1	Dummy fill for integrated circuits	20031211 205/82
US 20030208342 A1	Method and system for providing construction information service	20031106 703/1
US 20030200513 A1	Physical design characterization system	20031023 716/4
US 20030176994 A1	Boundary representation per feature methods and systems	20030918 703/27
US 20030103089 A1	Systems and methods for collaborative shape design	20030605 715/848
US 20030088458 A1	Method and apparatus for dynamic, real-time market segmentation	20030508 705/10
US 20030067487 A1	Intelligent constraint definitions for assembly part mating	20030410 715/764
US 20030060913 A1	Method and system for designing and modeling a product in a knowledge based engineering env	20030327 700/103
US 20030009727 A1	Circuit designing apparatus, circuit designing method and timing distribution apparatus	20030109 716/1
US 20020194581 A1	Methods and systems for automatically translating geometric data	20021219 717/136
US 20020194274 A1	System, method and article of manufacture for a communication manager in an integrated sched	20021219 709/205
US 20020188622 A1	Method and system for capturing, managing, and disseminating manufacturing knowledge	20021212 707/104.1
US 20020170160 A1	Method and apparatus for assembling exterior automotive vehicle body components onto an aut	20021121 29/407.1
US 20020165891 A1	System, method and article of manufacture for a resource and contact manager in an integrated	20021107 718/100
US 20020165723 A1	System, method and article of manufacture for managing a construction process	20021107 705/1
US 20020161783 A1	System, method and article of manufacture for a reports manager in an integrated scheduling ar	20021031 707/200
US 20020143594 A1	System, method and article of manufacture for alerting a manager of a critical outstanding task	20021003 705/8
US 20020138391 A1	System, method and article of manufacture for a bid manager in an integrated scheduling and d	20020926 705/37
US 20020138317 A1	System for implementing an exchange	20020926 705/7
US 20020133390 A1	System, method and article of manufacture for a document manager in an integrated scheduling	20020919 705/9
US 20020130903 A1	System, method and article of manufacture for a graphical sender interface for use in an integrat	20020919 715/752
US 20020124028 A1	System, method and article of manufacture for scheduling and document management integrat	20020905 715/530
US 20020123812 A1	Virtual assembly design environment (VADE)	20020905 700/98
US 20020120480 A1	System, method and article of manufacture for a project task manager in an integrated schedulir	20020829 705/7
US 20020091923 A1	System, method, and medium for retrieving, organizing, and utilizing networked data using datat	20020711 713/168
US 20020083398 A1	Circuit designing apparatus, circuit designing method and timing distribution apparatus	20020627 716/1
US 20020073114 A1	Business asset management system	20020613 715/500
US 20020067364 A1	Method for browsing various intelligent design data abstractions	20020606 345/531

US 20020059049 A1	System and method for rapidly customizing design, manufacture and/or selection of biomedical c	20020516 703/11
US 20020035450 A1	Network-based system for the manufacture of parts with a virtual collaborative environment for c	20020321 703/1
US 20020016774 A1	Network enabled application software system and method	20020207 705/51
US 20020007348 A1	System and method for performing engineering design	20020117 705/51
US 20020007294 A1	System and method for rapidly customizing a design and remotely manufacturing biomedical de	20020117 705/7
US 20010052908 A1	Method and apparatus for computer aided building specification generation	20011220 345/630
US 7010544 B2	Method and system for capturing, managing and disseminating manufacturing knowledge	20060307 707/102
US 7010472 B1	Knowledge driven composite design optimization process and system therefor	20060307 703/6
US 7003757 B2	Dissection of edges with projection points in a fabrication layout for correcting proximity effects	20060221 716/19
US 7003742 B2	Methodology for the optimization of testing and diagnosis of analog and mixed signal ICs and em	20060221 716/3
US 6985835 B1	Method and apparatus for edge correlation between design objects	20060110 703/1
US 6983430 B2	Method of resolving mismatched parameters in computer-aided integrated circuit design	20060103 716/2
US 6968518 B2	Method of resolving missing graphical symbols in computer-aided integrated circuit design	20051122 716/3
US 6959268 B1	Product catalog for use in a collaborative engineering environment and method for using same	20051025 703/6
US 6957186 B1	System method and article of manufacture for building, managing, and supporting various comp	20051018 705/1
US 6952688 B1	Knowledge-engineering protocol-suite	20051004 706/45
US 6952660 B1	Collaboration session recording model	20051004 703/1
US 6950995 B2	Method of resolving mismatched graphical symbols in computer-aided integrated circuit design	20050927 716/1
US 6931612 B1	Design and optimization methods for integrated circuits	20050816 716/5
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US 6868297 B1	Method and system for designing objects using functional modeling	20050315 700/98
US 6836877 B1	Automatic synthesis script generation for synopsys design compiler	20041228 716/18
US 6828963 B1	Pattern matching for data exchange between computer aided design systems	20041207 345/419
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US 6823342 B2	Method and system for capturing, managing, and disseminating manufacturing knowledge	20041123 707/102
US 6820247 B1	Method and apparatus for constructing a global interconnect model of a device having ambiguou	20041116 716/13
US 6799174 B2	Retrieving, organizing, and utilizing networked data using databases	20040928 707/3
US 6792590 B1	Dissection of edges with projection points in a fabrication layout for correcting proximity effects	20040914 716/19
US 6775808 B1	Method and apparatus for generating sign-off prototypes for the design and fabrication of integra	20040810 716/4
US 6775647 B1	Method and system for estimating manufacturing costs	20040810 703/7
US 6775585 B2	Method and designing and manufacturing rubber process tooling using an interface to a CAD/C/	20040810 700/182
US 6772026 B2	System and method for rapidly customizing design, manufacture and/or selection of biomedical c	20040803 700/98
US 6763337 B1	Weighted wedge defuzzification for conceptual system design evaluation	20040713 706/9
US 6760693 B1	Method of integrating computer visualization for the design of a vehicle	20040706 703/8
US 6748284 B1	Feature based assembly	20040608 700/97
US 6721713 B1	Business alliance identification in a web architecture framework	20040413 705/1
US 6691392 B2	Method and apparatus for assembling exterior automotive vehicle body components onto an aut	20040217 29/407.09
US 6689035 B1	Method and apparatus for designing and creating a package	20040210 493/320
US 6686914 B2	Methods and systems for automatically translating geometric data	20040203 345/420
US 6678871 B2	Circuit designing apparatus, circuit designing method and timing distribution apparatus	20040113 716/6
US 6671818 B1	Problem isolation through translating and filtering events into a standard object format in a netw	20031230 714/4

US 6651037 B1	Method of optimizing design of an HVAC air-handling assembly for a climate control system	20031118 703/8
US 6640329 B2	Real-time connection error checking method and process	20031028 716/5
US 6625801 B1	Dissection of printed edges from a fabrication layout for correcting proximity effects	20030923 716/19
US 6618834 B2	Circuit designing apparatus, circuit designing method and timing distribution apparatus	20030909 716/2
US 6615166 B1	Prioritizing components of a network framework required for implementation of technology	20030902 703/27
US 6606744 B1	Providing collaborative installation management in a network-based supply chain environment	20030812 717/174
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US 6536037 B1	Identification of redundancies and omissions among components of a web based architecture	20030318 717/151
US 6536028 B1	Standard block architecture for integrated circuit design	20030318 716/17
US 6519571 B1	Dynamic customer profile management	20030211 705/14
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US 6453457 B1	Selection of evaluation point locations based on proximity effects model amplitudes for correcting	20020917 716/19
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US 6378123 B1	Method of handling macro components in circuit design synthesis	20020423 716/18
US 6366874 B1	System and method for browsing graphically an electronic design based on a hardware descripti	20020402 703/14
US 6341261 B1	Knowledge driven composite design optimization process and system therefor	20020122 703/6
US 6295636 B1	RTL analysis for improved logic synthesis	20010925 716/18
US 6295514 B1	Method, system, and computer program product for representing similarity/dissimilarity between	20010925 703/12
US 6295513 B1	Network-based system for the manufacture of parts with a virtual collaborative environment for c	20010925 703/1
US 6292931 B1	RTL analysis tool	20010918 716/18
US 6292894 B1	System, method, and medium for retrieving, organizing, and utilizing networked data	20010918 713/168
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Index term checked

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L1	11074	computer aided design or CAD	US-PGPUB
L2	38	1 and ((multiple or plurality) near2 designers)	US-PGPUB
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L5	121	1 and ((collaborative or collaboration) with design)	US-PGPUB
L6	304	2 or 3 or 4 or 5	US-PGPUB
L7	17	6 and (design near2 intent\$3)	US-PGPUB
L8	88	6 and (design with feature)	US-PGPUB
L9	29	6 and (parameter with feature)	US-PGPUB
L10	80	6 and (parameter\$3 with design)	US-PGPUB
L11	122	7 or 8 or 9 or 10	US-PGPUB
L12	38	11 and (parameter.CLM.)	US-PGPUB
L13	33	11 and (feature.CLM.)	US-PGPUB
L14	51	12 or 13	US-PGPUB

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US 20040243481 A1	System and method for rapidly customizing design, manufacture and/or selection of biomed	20041202	705/26
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US 20040204957 A1	Method and apparatus for evolutionary design	20041014	705/1
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US 20040143799 A1	Method of resolving missing graphical symbols in computer-aided integrated circuit design	20040722	716/3
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US 20040098292 A1	System and method for enabling supplier manufacturing integration	20040520	705/8
US 20040093397 A1	Isolated working chamber associated with a secure inter-company collaboration environmen	20040513	709/219
US 20040084867 A1	Individualization of therapy with anticoagulants	20040506	280/163
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US 20040015793 A1	Methodology for the optimization of testing and diagnosis of analog and mixed signal ICs an	20040122	716/4
US 20040015367 A1	Business asset management system using virtual areas	20040122	705/1
US 20040006566 A1	System and method for augmenting knowledge commerce	20040108	707/100
US 20030229875 A1	Use of models in integrated circuit fabrication	20031211	716/10
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US 20030226757 A1	Dummy fill for integrated circuits	20031211	205/82
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US 20030060913 A1	Method and system for designing and modeling a product in a knowledge based engineering	20030327	700/103
US 20030009727 A1	Circuit designing apparatus, circuit designing method and timing distribution apparatus	20030109	716/1
US 20020194581 A1	Methods and systems for automatically translating geometric data	20021219	717/136

US 20020194274 A1	System, method and article of manufacture for a communication manager in an integrated s	20021219	709/205
US 20020188622 A1	Method and system for capturing, managing, and disseminating manufacturing knowledge	20021212	707/104.1
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US 20020143594 A1	System, method and article of manufacture for alerting a manager of a critical outstanding t	20021003	705/8
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US 20020016774 A1	Network enabled application software system and method	20020207	705/51
US 20020007348 A1	System and method for performing engineering design	20020117	705/51
US 20020007294 A1	System and method for rapidly customizing a design and remotely manufacturing biomedica	20020117	705/7
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US 6080204 A	Method and apparatus for contemporaneously compiling an electronic circuit design by conti	20000627 716/7
US 6055541 A	Automatic report generating system	20000425 707/103R
US 6038668 A	System, method, and medium for retrieving, organizing, and utilizing networked data	20000314 726/30
US RE36602 E	Concurrent engineering design tool and method	20000307 700/97
US 5999908 A	Customer-based product design module	19991207 705/1
US 5984511 A	Knowledge driven composite design optimization process and system therefor	19991116 703/6
US 5966310 A	Personal design system and personal equipment production system for actually producing e	19991012 707/104.1
US 5903886 A	Hierarchical adaptive state machine for emulating and augmenting software	19990511 706/50
US 5822206 A	Concurrent engineering design tool and method	19981013 700/97
US 5784286 A	Design process recording method and a design process recorder	19980721 703/1
US 5598344 A	Method and system for creating, validating, and scaling structural description of electronic d	19970128 716/18
US 5587914 A	Apparatus and method for computer-aided design of sheet metal fabricated parts	19961224 700/95
US 5572437 A	Method and system for creating and verifying structural logic model of electronic design fr	19961105 716/18
US 5572430 A	Method and apparatus for cooperated design	19961105 700/95
US 5557531 A	Method and system for creating and validating low level structural description of electronic d	19960917 716/1
US 5555201 A	Method and system for creating and validating low level description of electronic design fr	19960910 716/1
US 5553002 A	Method and system for creating and validating low level description of electronic design fr	19960903 716/11
US 5552995 A	Concurrent engineering design tool and method	19960903 700/97
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US 5541849 A	Method and system for creating and validating low level description of electronic design fr	19960730 716/18
US 5307282 A	Method of computer-aided prediction of collisions between objects including fabrication tools	19940426 700/103
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US 5033014 A	Integrated manufacturing system	19910716 703/1
US 5023800 A	Assembly data model system	19910611 700/182
US 4956764 A	Assembly data model tool system	19900911 700/59
US 4945488 A	Integrated aircraft manufacturing system	19900731 700/182
US 4937768 A	Integrated assembly system	19900626 703/1

US 4813013 A	Schematic diagram generating system using library of general purpose interactively selectat	19890314 715/763	
US 4656603 A	Schematic diagram generating system using library of general purpose interactively selectat	19870407 715/835	
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Document Kind	Codes Title	Issue Date	Current OR Abstract
US 20060041840 A1	File translation methods, systems, and apparatuses for extended commerce	20060223 715/513	
US 20060041582 A1	XML-based system and method for collaborative web-based design and verification of syste	20060223 707/102	
US 20060041518 A1	Supplier capability methods, systems, and apparatuses for extended commerce	20060223 705/80	
US 20060041503 A1	Collaborative negotiation methods, systems, and apparatuses for extended commerce	20060223 705/37	
US 20060025978 A1	Method, system and program product supporting presentation of a simulated or hardware sy	20060202 703/14	
US 20050235246 A1	Use of models in integrated circuit fabrication	20051020 716/21	
US 20050196964 A1	Dummy fill for integrated circuits	20050908 438/692	
US 20050177531 A1	Method, tool and system for increasing the efficiency of a design process	20050811 706/45	
US 20050132306 A1	Characterization and reduction of variation for integrated circuits	20050616 716/1	
US 20050076316 A1	Design-manufacturing interface via a unified model	20050407 716/4	
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US 20050051809 A1	Dummy fill for integrated circuits	20050310 257/232	
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US 20050037522 A1	Dummy fill for integrated circuits	20050217 438/8	
US 20050004774 A1	Methods and systems for inspection of wafers and reticles using designer intent data	20050106 702/108	
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US 20040153824 A1	System and method for creating and updating a three-dimensional model and creating a rela	20040805 714/38	
US 20040143808 A1	Method of resolving mismatched parameters in computer-aided integrated circuit design	20040722 716/11	
US 20040128648 A1	Face correlation between computer aided design models	20040701 717/105	
US 20040107125 A1	Business alliance identification in a web architecture	20040603 705/7	
US 20040073410 A1	Computerized system and method of collaborative structural frame development	20040415 703/1	
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US 20040025129 A1	System and methods for pre-artwork signal-timing verification of an integrated circuit design	20040205 716/6	
US 20030229875 A1	Use of models in integrated circuit fabrication	20031211 716/10	
US 20030229479 A1	Dummy fill for integrated circuits	20031211 703/14	
US 20030228714 A1	Dummy fill for integrated circuits	20031211 438/8	
US 20030226757 A1	Dummy fill for integrated circuits	20031211 205/82	
US 20030212610 A1	System and method for specification and exchange management	20031113 705/26	
US 20030206820 A1	Forming structures from CAD solid models	20031106 419/9	
US 20030195824 A1	System and method for specification and exchange management	20031016 705/26	
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US 20030126105 A1	Computerized method and system for managing design report information	20030703 707/1	
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US 20030090530 A1	Systems and methods for collaborative shape design	20030515 715/848	

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US 20030065413 A1	Method of geometric information sharing and parametric consistency maintenance in a colla	20030403 700/96
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US 20020188622 A1	Method and system for capturing, managing, and disseminating manufacturing knowledge	20021212 707/104.1
US 20020183878 A1	Collaborative design	20021205 700/98
US 20020174010 A1	System and method of permissive data flow and application transfer	20021121 705/14
US 20020170160 A1	Method and apparatus for assembling exterior automotive vehicle body components onto an	20021121 29/407.1
US 20020157080 A1	Design method of a logic circuit	20021024 716/18
US 20020156929 A1	XML-based system and method for collaborative web-based design and verification of syste	20021024 719/310
US 20020138317 A1	System for implementing an exchange	20020926 705/7
US 20020083398 A1	Circuit designing apparatus, circuit designing method and timing distribution apparatus	20020627 716/1
US 20020062474 A1	Semiconductor circuit designing apparatus and a semiconductor circuit designing method in	20020523 716/11
US 20020049847 A1	Dynamic interactive processes for unaided browsers	20020425 709/227
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